

What is claimed is:

1. A compiler system for compiling a first program into a second program, comprising:
5 a converter converting a part of the first program into a procedure call and generating the second program;
 a generator generating a code describing a definition of a procedure to be called by the procedure call; and
10 an outputting unit outputting the second program and the code generated by said generator.

2. The compiler system according to claim 1, further comprising a detector which detects a predetermined particular pattern from the first program, wherein
15 said converter converts the pattern detected by said detector into a procedure call corresponding to the pattern.

20 3. The compiler system according to claim 2, wherein
 said detector detects a call for calling a built-in procedure from the first program.

4. The compiler system according to claim 2, wherein
25 when said detection detects a plurality of

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identical patterns from the first program, said converter converts the plurality of patterns into a same procedure call.

5 5. A compiler system for receiving a first file containing one or more programs, compiling the one or more programs, and outputting a second file containing the one or more compiled programs, comprising:

10 a detector detecting a predetermined particular pattern from one or more programs contained in the first file;

15 a converter compiling the one or more programs contained in the first file by converting the pattern detected by said detector into a procedure call corresponding to the pattern;

a generator generating a code describing a definition of a procedure to be called by the procedure call; and

20 an outputting unit outputting one or more programs compiled by said converter and a code generated by said generator, wherein

when said detector detects a plurality of identical patterns from the first file, said converter converts the plurality of patterns into a same procedure call.

DRAFT - 08/08/2010

6. The compiler system according to claim 5, wherein
said outputting unit outputs the code generated
by said generator to the second file.

5 7. A compiler system for receiving a plurality of files
each containing one or more programs, and compiling the
programs contained in the received files, comprising:
10 a detector detecting a predetermined particular
pattern from the programs contained in the received
files;

15 a converter compiling the programs contained in
the received files by converting the pattern detected
by said detector into a procedure call corresponding
to the pattern;

20 a generator generating a code describing a
definition of a procedure to be called by the procedure
call; and

 an outputting unit outputting a program compiled
by said converter and a code generated by said generator,
25 wherein
 when said detector detects a plurality of identical
patterns from the plurality of received files, said
converter converts the plurality of patterns into a same
procedure call.

8. A compiler system for compiling a first program into a second program, comprising:
converting means for converting a part of the first program into a procedure call and generating the second
5 program;
generating means for generating a code describing a definition of a procedure to be called by the procedure call; and
outputting means for outputting the second program
10 and the code generated by said generating means.

9. A method for compiling a first program into a second program, comprising:
converting a part of the first program into a procedure call and generating the second program;
15 generating a code describing a definition of a procedure to be called by the procedure call; and
outputting the second program and the generated code.
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10. A computer-readable storage medium for storing a program used to direct a computer to compile a first program into a second program, said program comprising:
a program code for converting a part of the first
25 program into a procedure call and generating the second

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program;

a program code for generating a code describing
a definition of a procedure to be called by the procedure
call; and

5 a program code for outputting the second program
and the generated code.